

金属化聚丙烯膜盒装电容器

■ 采用标准

GB10190 (IEC384-16)

■ 结构

- 介质: 聚丙烯膜
- 电极: 金属真空蒸发层 (铝或锌铝复合加厚型)
- 外壳: 阻燃 PBT 塑料壳 (UL94 V-0)
- 封装: 阻燃环氧树脂 (UL94 V-0)
- 引脚: 镀锡铜包钢线

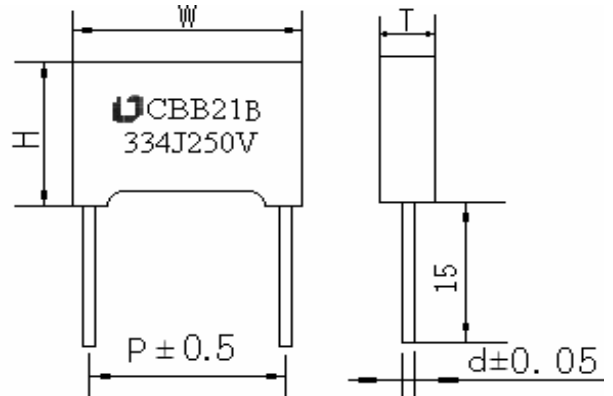
■ 典型应用

高频、直流、交流及脉冲大电流场合。
如: 灯具, 监视设备、电源等。
适合 CBB21 电容器的所有场合。

■ 特点

- 体积小, 有良好自愈性。
- 高频损耗小, 温升高。高冲击强度。
- 高频交流条件下有良好的耐压性能。

■ 外形尺寸

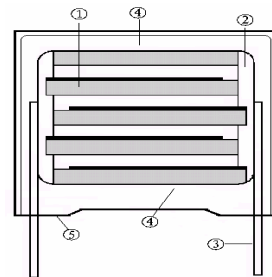


脚距 mm	10	15	22.5	27.5	31.5	41.5
引线直径 mm	0.6	0.6/0.8	0.8	0.8	0.8	1.0
PVC 电子线	/	22#	20#; 22#; 18#			

■ 技术参数

气候条件	-40--+85°C/110°C						
额定电压	100V、250V、400V、630V、1000V						
容量范围	0.0010μF-4.7μF						
容量偏差	(±5%) (±10%)						
耐电压	1.6UR (5S)						
绝缘电阻或时间常数	≤0.33μF	≥25000MΩ					
	>0.33μF	≥7500S (MΩ·μF)					
损耗角正切	Tg θ ≤0.001 1KHz 20°C						
稳态湿热	温度: 40±2°C						
	湿度: 93%RH						
	持续时间: 21Days						
	无可见损伤, 标志清晰						
耐久性	+85°C/110°C, 1000h						
	施加电压: 1.25×额定电压						
	电容量: ΔC/C≤5%						
	绝缘电阻 IR: ≥额定值的 50% 50% of Rated						
dv/dt (v/μs)	脚距	10	15	22.5	27.5	31.5	41.5
	dv/dt	400	200	150	100	100	100

■ 结构图



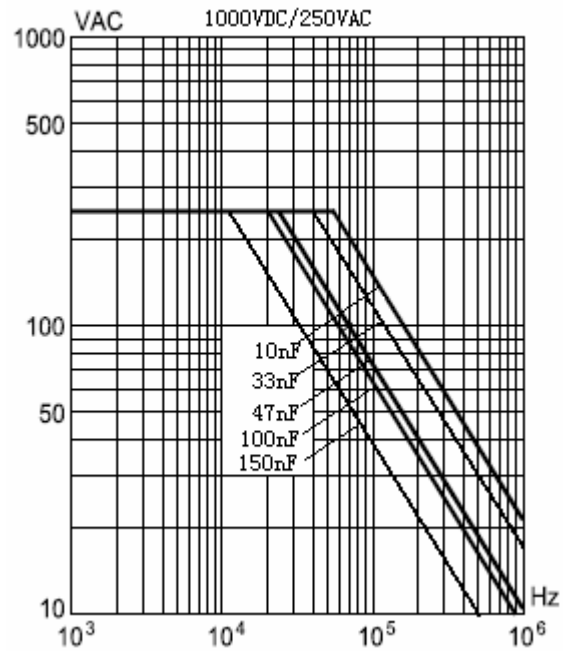
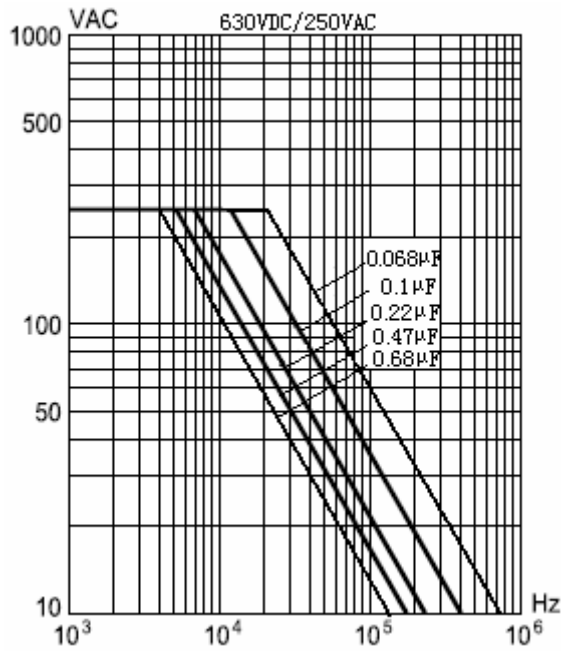
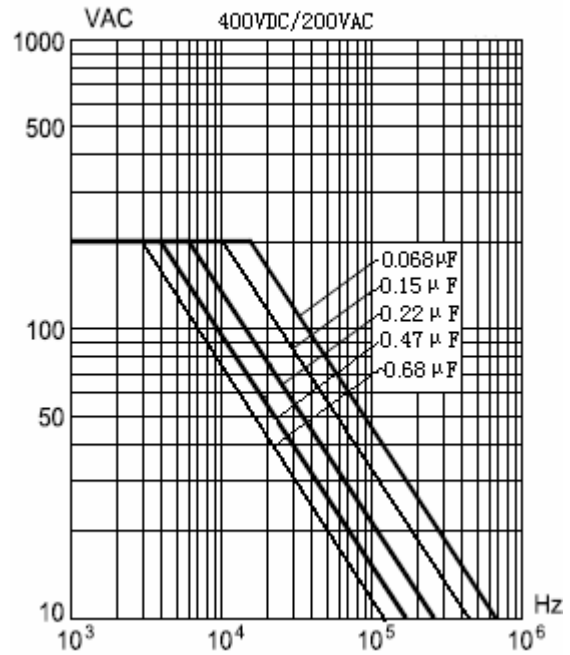
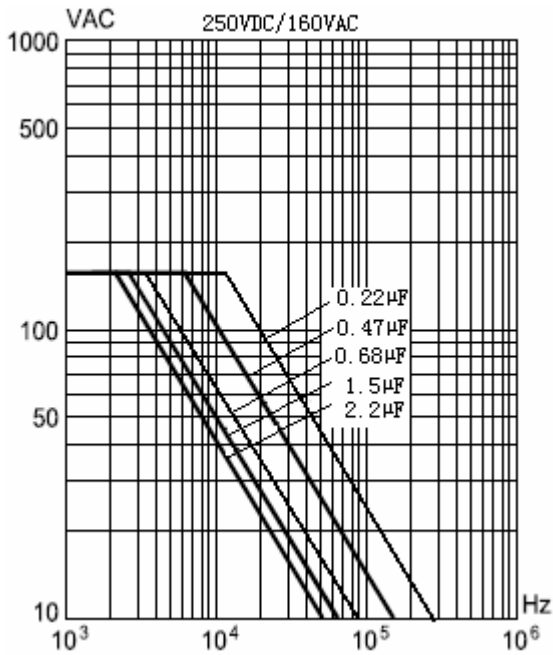
说明:

- ①金属化聚丙烯薄膜
- ②喷金层
- ③ CP 线
- ④环氧树脂
- ⑤PBT 阻燃塑料外壳

■ 交流和直流电压的对应关系

DC	100VDC	250VDC	400VDC	630VDC	1000VDC
AC	63VAC	160VAC	200VAC	250VAC	250VAC

■ 交流耐压与频率的关系



CBB21B (MPB) 电容器规格尺寸表

容量	产品编码	外形尺寸 (mm)			脚距 (mm)	容量	产品编码	外形尺寸 (mm)			脚距 (mm)
		W±1.0	T±1.0	H±1.0				W±1.0	T±1.0	H±1.0	
250VDC						400VDC					
102	MPB102K(J)2C1G0	12	4	9	10	102	MPB102K(J)4C1G0	12	4	9	10
122	MPB122K(J)2C1G0	12	4	9	10	122	MPB122K(J)4C1G0	12	4	9	10
152	MPB152K(J)2C1G0	12	4	9	10	152	MPB152K(J)4C1G0	12	4	9	10
182	MPB182K(J)2C1G0	12	4	9	10	182	MPB182K(J)4C1G0	12	4	9	10
222	MPB222K(J)2C1G0	12	4	9	10	222	MPB222K(J)4C1G0	12	4	9	10
272	MPB272K(J)2C1G0	12	4	9	10	272	MPB272K(J)4C1G0	12	4	9	10
332	MPB332K(J)2C1G0	12	4	9	10	332	MPB332K(J)4C1G0	12	4	9	10
392	MPB392K(J)2C1G0	12	4	9	10	392	MPB392K(J)4C1G0	12	4	9	10
472	MPB472K(J)2C1G0	12	4	9	10	472	MPB472K(J)4C1G0	12	4	9	10
562	MPB562K(J)2C1G0	12	4	9	10	562	MPB562K(J)4C1G0	12	4	9	10
682	MPB682K(J)2C1G0	12	4	9	10	682	MPB682K(J)4C1G0	12	4	9	10
822	MPB822K(J)2C1G0	12	4	9	10	822	MPB822K(J)4C1G0	12	4	9	10
103	MPB103K(J)2C1G0	12	4	9	10	103	MPB103K(J)4C1G0	12	4	9	10
103	MPB103K(J)2D1G0	18	5	11	15	103	MPB103K(J)4D1G0	18	5	11	15
123	MPB123K(J)2C1G0	12	4	9	10	153	MPB153K(J)4C1G0	12	4	9	10
123	MPB123K(J)2D1G0	18	5	11	15	153	MPB153K(J)4D1G0	18	5	11	15
153	MPB153K(J)2C1G0	12	4	9	10	183	MPB183K(J)4C1G0	12	4	9	10
153	MPB153K(J)2D1G0	18	5	11	15	183	MPB183K(J)4D1G0	18	5	11	15
183	MPB183K(J)2C1G0	12	4	9	10	223	MPB223K(J)4C1G0	12	4	9	10
183	MPB183K(J)2D1G0	18	5	11	15	223	MPB223K(J)4D1G0	18	5	11	15
223	MPB223K(J)2C1G0	12	4	9	10	333	MPB333K(J)4C2G0	13	5	11	10
223	MPB223K(J)2D1G0	18	5	11	15	333	MPB333K(J)4D1G0	18	5	11	15
273	MPB273K(J)2C2G0	13	5	11	10	393	MPB393K(J)4C2G0	13	5	11	10
273	MPB273K(J)2D1G0	18	5	11	15	393	MPB393K(J)4D1G0	18	5	11	15
333	MPB333K(J)2C2G0	13	5	11	10	473	MPB473K(J)4C3G0	13	6	12	10
333	MPB333K(J)2D1G0	18	5	11	15	473	MPB473K(J)4D1G0	18	5	11	15
393	MPB393K(J)2C2G0	13	5	11	10	563	MPB563K(J)4C3G0	13	6	12	10
393	MPB393K(J)2D1G0	18	5	11	15	563	MPB563K(J)4D1G0	18	5	11	15
473	MPB473K(J)2C3G0	13	6	12	10	683	MPB683K(J)4C3G0	13	6	12	10
473	MPB473K(J)2D1G0	18	5	11	15	683	MPB683K(J)4D1G0	18	5	11	15
563	MPB563K(J)2C3G0	13	6	12	10	823	MPB823K(J)4C3G0	13	6	12	10
563	MPB563K(J)2D1G0	18	5	11	15	823	MPB823K(J)4D1G0	18	5	11	15
683	MPB683K(J)2C3G0	13	6	12	10	104	MPB104K(J)4D1G0	18	5	11	15
683	MPB683K(J)2D1G0	18	5	11	15	124	MPB124K(J)4D1G0	18	5	11	15
823	MPB823K(J)2C3G0	13	6	12	10	154	MPB154K(J)4D2G0	18	6	12	15
823	MPB823K(J)2D1G0	18	5	11	15	184	MPB184K(J)4D2G0	18	6	12	15
104	MPB104K(J)2C3G0	13	6	12	10	184	MPB184K(J)4E1G0	26.5	6	15	22.5
104	MPB104K(J)3D1G0	18	5	11	15	224	MPB224K(J)4D3G0	18	7.5	13.5	15
124	MPB124K(J)2C3G0	13	6	12	10	224	MPB224K(J)4E2G0	26.5	7	16.5	22.5
154	MPB154K(J)2C3G0	13	6	12	10	274	MPB274K(J)4D3G0	18	7.5	13.5	15
184	MPB184K(J)2D2G0	18	6	12	15	274	MPB274K(J)4E2G0	26.5	7	16.5	22.5
224	MPB224K(J)2D2G0	18	6	12	15	334	MPB334K(J)4D4G0	18	8.4	14.5	15
274	MPB274K(J)2D3G0	18	7.5	13.5	15	334	MPB334K(J)4E3G0	26.5	8.5	17	22.5
334	MPB334K(J)2D3G0	18	7.5	13.5	15	394	MPB394K(J)4D5G0	18	9.5	15.5	15
394	MPB394K(J)2D4G0	18	8.4	14.5	15	394	MPB394K(J)4E4G0	26.5	10	19	22.5
474	MPB474K(J)2D4G0	18	8.4	14.5	15	474	MPB474K(J)4DAG0	18	10	15.8	15
564	MPB564K(J)2D5G0	18	10	15.8	15	474	MPB474K(J)4E4G0	26.5	10	19	22.5
684	MPB684K(J)2D7G0	18	10.8	19	15	564	MPB564K(J)4E3G0	26.5	8.5	17	22.5
824	MPB824K(J)2D7G0	18	10.8	19	15	684	MPB684K(J)4E4G0	26.5	10	19	22.5
105	MPB105K(J)2E3G0	26.5	8.5	17	22.5	824	MPB824K(J)4E4G0	26.5	10	19	22.5
125	MPB125K(J)2E4G0	26.5	10	19	22.5	105	MPB105K(J)4E5G0	26.5	11	20	22.5

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容量	产品编码	外形尺寸 (mm)			脚距 (mm)
		W±1.0	T±1.0	H±1.0	
155	MPB155K(J)2E4G0	26.5	10	19	22.5
185	MPB185K(J)2E6G0	26.5	12	21.5	22.5
205	MPB205K(J)2E7G0	26.5	13	23	22.5
225	MPB225K(J)2E7G0	26.5	13	23	22.5
275	MPB275K(J)2F2G0	31.5	13	21.5	27.5
305	MPB305K(J)2F2G0	31.5	13	21.5	27.5
335	MPB335K(J)2F3G0	31.5	14	25	27.5
405	MPB405K(J)2TAG0	38	14	23	31.5
475	MPB475K(J)2FAG0	36.5	15.4	26.3	31.5
630VDC					
102	MPB102K(J)6C1G0	12	4	9	10
122	MPB122K(J)6C1G0	12	4	9	10
152	MPB152K(J)6C1G0	12	4	9	10
182	MPB182K(J)6C1G0	12	4	9	10
222	MPB222K(J)6C1G0	12	4	9	10
272	MPB272K(J)6C1G0	12	4	9	10
332	MPB332K(J)6C1G0	12	4	9	10
392	MPB392K(J)6C1G0	12	4	9	10
472	MPB472K(J)6C1G0	12	4	9	10
562	MPB562K(J)6C1G0	12	4	9	10
682	MPB682K(J)6C2G0	12	4	9	10
822	MPB822K(J)6C1G0	12	4	9	10
103	MPB103K(J)6C1G0	12	4	9	10
103	MPB103K(J)6D1G0	18	5	11	15
153	MPB153K(J)6C1G0	12	4	9	10
153	MPB153K(J)6D1G0	18	5	11	15
183	MPB183K(J)6C1G0	12	4	9	10
183	MPB183K(J)6D1G0	18	5	11	15
223	MPB223K(J)6C1G0	12	4	9	10
223	MPB223K(J)6D1G0	18	5	11	15
333	MPB333K(J)6C2G0	13	5	11	10
333	MPB333K(J)6D1G0	18	5	11	15
824	MPB824K(J)6E6G0	26.5	12	21.5	22.5
824	MPB824K(J)6F1G0	31.5	10.8	19.5	27.5
105	MPB105K(J)6F2G0	31.5	13	21.5	27.5
125	MPB125K(J)6F2G0	31.5	13	21.5	27.5
155	MPB155K(J)6F4G0	32	16	25.5	27.5
205	MPB205K(J)6F7G0	32	18	28	27.5
225	MPB225K(J)6F7G0	32	18	28	27.5
275	MPB275K(J)6F8G0	32	22	31	27.5
305	MPB305K(J)6T8G0	38.8	21.7	31.3	31.5
335	MPB335K(J)6T8G0	38.8	21.7	31.3	31.5
405	MPB405K(J)6TEG0	50	22.2	32	41.5
475	MPB475K(J)6TEG0	50	22.2	32	41.5
1000VDC					
102	MPB102K(J)BC1G0	12	4	9	10
122	MPB122K(J)BC1G0	12	4	9	10
152	MPB152K(J)BC1G0	12	4	9	10
182	MPB182K(J)BC1G0	12	4	9	10
222	MPB222K(J)BC1G0	12	4	9	10
272	MPB272K(J)BC1G0	12	4	9	10
332	MPB332K(J)BC1G0	12	4	9	10
392	MPB392K(J)BC1G0	12	4	9	10
472	MPB472K(J)BC1G0	12	4	9	10
562	MPB562K(J)BC1G0	12	4	9	10
682	MPB682K(J)BC1G0	12	4	9	10
822	MPB822K(J)BC1G0	12	4	9	10
103	MPB103K(J)BC1G0	12	4	9	10
103	MPB103K(J)BD1G0	18	5	11	15
153	MPB153K(J)BD1G0	18	5	11	15
183	MPB183K(J)BD1G0	18	5	11	15
223	MPB223K(J)BD1G0	18	5	11	15
473	MPB473K(J)BD2G0	18	6	12	15
563	MPB563K(J)BD3G0	18	7.5	13.5	15
683	MPB683K(J)BD3G0	18	7.5	13.5	15
823	MPB823K(J)BD4G0	18	8.4	14.5	15
104	MPB104K(J)BD5G0	18	10	15.8	15